



KAISER ♦ HILL
COMPANY

MEMORANDUM

Date: July 16, 2001

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for July 16, 2001

Attached are the minutes for the referenced weekly meeting for the Operating Record.



DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

ADMIN RECORD

B371-A-000041

1/10

B371 CLOSURE PROJECT

WEEKLY STATUS MEETING

Every Monday, 9:00 a.m.

B371 Conference Room

July 16, 2001

AGENDA

INTRODUCTION — *Pam Arnold, X6035, Pager 303-212-4835*

D&D

Presenters — *John Wrapp, X5883, Pager 303-212-6074/Joe Majestic, X7811, Pager 303-212-1958*

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Set 16 Deactivation
- Special Projects
- *Cerium Nitrate*
- *MAA/PA Closure*

Presenter — *Barry Gustafson, X3292, Pager 303-212-5290*

- Special Projects
- *North Side Cleanup*
- *Remote Dismantlement Chamber*
- *Breathing Air*
- Sets 7, 18, 24, 30 and 56 Status

ENVIRONMENTAL — *Pam Arnold, X6035, Pager 303-212-4835*

WASTE MANAGEMENT — *Laurie Gregory-Frost, X3681, Pager 303-212-1980*

AUTHORIZATION BASIS/BIO — *Karl Gross, X7727, Pager 303-212-1810*

SET/AREA SCOPE MOVEMENT — *Informal Discussion*

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D&D Summary (AAC)

Week Ending 7/13/01

Non-actinide Liquid Draining

KH Target Finish: 9/28/00

Current Early Finish: 10/13/01

SV: -243 days

- Set 5B (rebaselined Set 14) draining is complete. (IAQ31DR05B)
- CWTS processing during the weeks of 7/2 and 7/9.
- Set 4B (1117) draining is expected to start the week of 7/30. Fixative application is planned during the week of 7/16 to facilitate most liquid draining in PAPR rather than breathing air. (IAQ31DR04B)
- Set 4A (1115/1103) draining is expected to start the week of 7/30. (IAQ31DR04A)
- Set 2B (rebaselined Set 6) entry to complete hanging of tags, and IWCP completion are TBD to support higher priority work. (IAQ31DR02B)

Tanks

KH Target Finish: 9/24/03

Current Early Finish: 10/01/03

SV: -4 days

- Set 5 (3573, 8 tanks) Ten breathing air entries have been completed. More than thirty drums of rings have been removed from D-134C (approximately 80%). Working DAC remains well with in the activity suspension guideline.) The CeN package and the level transmitter isolation package are complete. (IAD105AH00 & IAD105DH00)
- A contract has been awarded to TMR to develop the prototype vacuum system. (IAC105ET00)
- Sets 3 (3517), line isolation engineering/planning is complete. (IAC103AT00)
- Set 13 (2307/2317/2319) line isolation and raschig ring removal engineering/planning are 60% complete. (IAC113AT00)
- Set 4 line isolation has started.

Gloveboxes

KH Target Finish: 7/30/03

Current Early Finish: 10/17/03

SV: -50 days

- Set 23 (3321/3323/3325) is 90% complete. All GB's returned to service, cleaned, and scanned. No SNM holdup removal required. Two transfer pumps may contain free liquid. Engineering has begun for pump oil draining (IAC123EG00)
- Set 24 (3408) is 90% complete. All GB's returned to service and cleaned. Chemical and standards removal is 90% complete – scans will follow completion. (IAC124EG00) B-Box chemicals and standards have been re-located to 3412. Three items with high penetrating radiation dose were discovered and remain to be dispositioned. All other waste items have been removed from the gloveboxes and fume hood. All drums have been removed from the room
- Set 7 (3305) is 70% complete. All GB's returned to service, 100% have been cleaned. Chemical removal is 100% complete. Physical isolation of pumps is 80% complete. Draining has started and is 60% complete and scans are 100% complete. Work has started in GB36 disassembling furnace gear reducers in preparation for draining. All reducers have been removed and are awaiting scans prior to draining. Electrical isolations of 166 & 167 pumps are complete. (IAC107EG00)

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- Set 14 (2325) is 20% complete. GB return to service is 100% complete. All gloveboxes not in use by Tap and Drain have been cleaned. IWCP package for the screw-drive reducer draining is complete. (IAC114EG00)

CSV

KH Target Finish: 2/13/03

Current Early Finish: 6/30/03

SV: -86 days

- The I/O 8 wall, transfer tunnel, GB69 crate drop, and tilt table fabrications are expected to be complete the week of 7/16. The I/O8 mechanical system has been awarded to Premier. Permacon design has started and material will be requisitioned no later than 7/30. (IAC109AD01)
- Joint Evaluation Team review was completed on 7/13.
- Fixative application to support GB breaches is complete.
- GB 68 drill press size reduction is complete and tent construction starts 7/16.
- IWCP Status:
 - I/O8 modification package is 90% complete.
 - Guillotine door switch relocation package is 95% complete - awaiting safety screen.
 - GB 69 modification package is 75% complete.
 - Permacon installation package is 50% complete.
 - Sprinkler installation is on hold until permacon installation planning is complete. (AC109AD00)

Set 16/17 (Canyon)

KH Target Finish: 6/15/01

Current Early Finish: 7/26/01

SV: -26 days

- Oil draining from pumps in 3511 and 3515 started 7/12 and is 75% complete. (IAC116EN00) (AC117EN00)

Special Projects

Cerium Nitrate

- CeN decontamination procedure has been signed and is awaiting a safety screen.
- Internal management review to be performed prior to hot startup.

MAA/PA Closure

- First draft of closure plan started and 30% complete. (AC11PNM20)
- Four planning meetings with other Site projects have been held. Options are being developed to integrate SNM holdup removal activities with residue and PuSPS end dates. (AC11PNM20)

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D&D Summary (AAD)
Week Ending 7/13/01

Special Projects:

Work continues on three special projects in support of D&D activities.

- "North Side Clean-up" project was awarded to Kaiser Hill Construction. Mobilization will commence next week and work will start in early August. The demolition work will require 8 to 10 weeks for completion. (IAD1AQGX20) RCTS are taking surveys of the tanks, concrete and other components. We will recycle the concrete when removed from the berm and structures. Characterization of the constituents, (lead paint, asbestos and water treatment chemicals, etc), is on-going. The D&D Isolation crew will begin isolation of electrical, and piping in late July and continue into August. Planning and engineering is ongoing to support the isolation and demolition activities.
- RDC (ITC) The specification and statement of work are in the procurement department and will be issued to interested bidders in compliance with site's procurement procedures. Dates for the distribution are to be determined. (IAD11SRK10), (IAD11SRK20), (IAD11SRK30) Work to clear operating space for the RDC is proceeding in room 3801 (set 56) as components are available.
- IWCP work package for Breathing Air System upgrades are approved. Preliminary work, including conduit installation, pipe fabrication and core drilling, is on going. We continue to investigate the optimum time to take the breathing air system out of service to perform the modification. In addition we are working on plans to install the new equipment on short shutdowns to minimize downtime of the system. (AD11BAJ10), (IAD11BAJ20), (IAD11BAJ30), (IAD11BAJ40)

General: Planning and engineering on the next series of sets scheduled for D&D has started. The sets are 3, 4, 5 and 57. Details by set will be available as planning and engineering progresses and scope documents are prepared.

Set 7: Rooms 3301, 3303, 3305

KH Target Finish: 10/01/02

Current Early Finish: 10/01/02

SV: 0 day

- Planning and engineering continuing for development of work packages to remove gloveboxes 36,37,38 and 75. The estimated completion date for planning and engineering supports the baseline schedule date of July 9, 2001. (IAD107AD00). Electrical and Mechanical Isolation Work Packages are in Nuclear Safety for screening.
- We will issue to the field after all approval and shift manager signatures. A preplanning meeting with the crew and waste team will precede the commencement of work.
- Removal of loose equipment will continue into the next reporting period. (IAD107BD00). We have drained the glove port covers and are preparing to drain sections of piping prior to removing sections to provide isolation.
- The work package to open the crated gloveboxes is issued to the field.

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Set 18: Rooms 3801, (north portion), 3805

KH Target Finish: 9/10/01

Current Early Finish: 3/27/02

SV: 124 days

- A Recovery Plan is in the process of development and will be implemented upon actual termination of operations. Preliminary efforts included a phased approach to isolate and remove equipment that is not required for facility operation. This includes tanks 816, 817, 818, 819 and associated equipment. (IAD118AD00) We are focusing management attention to the closure of tanks in the area to allow D&D to begin. We expect set 18 phase one to be released in early August and phase two in early January.

Set 24: Rooms 3402, 3404A, 3404, 3406, 3408

KH Target Finish: 9/25/01

Current Early Finish: 12/05/01

SV: -55 days

Schedule recovery will be realized when D&D of glovebox is commenced. Current impacts are chemicals remaining in room 3408 and in one glove box. Work groups responsible for disposition of these chemicals and standards are planning to remove them this week. (IAD124AD00)

- D&D crews have isolated and removed equipment declared OOC, available for disposition. (IAD124BD00)
- Loose equipment removal has progressed as far as possible until additional components are available. (IAD124AD00)
- Standard Work Packages to remove external lead and glove boxes is in the process of development. Isolation packages have been through review and will be available subsequent to PRC review, and will be ready for use as soon as chemicals and waste drums are removed. (IAD124AD00)
- We reviewed and revised the schedule for decommissioning work based on current predicted start dates and work plans. Several days of negative schedule variance were removed by the logic changes. Additional negative variance will be removed as activities are worked in parallel, where it is safe to do.
- A presentation was made to the JET on Friday 7/13. A determination on the required type of readiness review is expected in the near future.

Set 30: Room 3701, Cold Glove Box

KH Target Finish: 8/05/02

Actual Finish: 7/14/01

SV: 236 days

The Glove box has been removed and the floor repainted. Work is complete on this activity

Set 56: Room 3801, (south portion)

KH Target Finish: 9/10/01

Current Early Finish: 12/20/01

SV: -67 days

- Recovery plans are in process of development and will be implemented when tank deactivation is completed. D&D workers are supplementing the operations staff and assisting with draining of the remaining tanks. Draining, photographing and documentation of tanks is expected to be completed by early August. D&D work will begin at that time.

ENVIRONMENTAL STATUS
REGULATED UNITS

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
4	N/A	Tanks: D133, D150, D151, D152A, D152B	MRT	3571	
		Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.	MRT	3571	
		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
		Pumps 33 A&B, 34 A&B	IE: 0109	3571	
5	N/A	Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	
7	N/A	Container Storage - Room	371.1A	3301	
	N/A	Mixed Residue Tank - Ancillary Equipment only	N/A	3303	
	N/A	Container Storage - Room	371.1A	3305	
	N/A	Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	3710122	3305	
	N/A	Mixed Residue Tank - Ancillary Equipment only	N/A	3305	
		Pumps: P171 through P180 (10 pumps)	IE: 0122	3305	
	N/A	Container Storage - Room	371.1A	3315	
	N/A	GB Storage - GB#32	371.1B	3315	
14	N/A	Container Storage - Room	371.1A	2325	
18	N/A	Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
	N/A	See Set 19 also			
	N/A	Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
19	N/A	Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19	N/A	Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
19		Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19		Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
		See Set 21 also			
19/21		Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
		Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B	374.3	2804/3801/ 3803/3805/ 4805/4807	
24	N/A	GB Storage - GB's 72B and 72C	371.1B	3408	
	N/A	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	N/A	Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B have been declared RCRA Stable and transferred to D&D.
	N/A	GB Storage - GB's 107 and 113	374.3	3801	
58	N/A	Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/ 4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
	N/A	Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/ 4807	
	N/A	GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/ 4807	

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Waste Management Summary

Status for Two Weeks Ending 07-13-01

Status of Remediation Waste Procedure and Training

- The DRAFT Management Requirements for Remediation Waste, 371/374 Closure Project procedure: Comments received during the internal review have been incorporated. Formal parallel review in-progress.
- Remediation Waste Training: Waste characterization and packaging discussions during set walkdowns with workers and supervisors have been used as a means for conducting informal on-the-job remediation waste training during the last two weeks.

Implementation of Remediation Waste Requirements

- Use of RFCA Temporary Units (RTUs) for management of Remediation waste: Management of remediation in RTUs is in-progress.

Implementation of Remediation Waste Requirements

- Use of RFCA Temporary Units (RTUs) for management of Remediation waste: Set up the first RFCA TU in Set 7, Room 3305, for the accumulation of lead, lead sandwiched with steel, and lead contaminated water.

Basis for Interim Operations (BIO)

Week Ending 07/13/01

BIO Revision 5, Annual Update

- First mark-up version of the annual update submitted to DOE RFFO on June 15, 2001.
- Informal discussions indicate DOE RFFO approval is imminent.

BIO Revision 6

- Resolving resource and facility priorities to define final schedule and plan.

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